

Title (en)

Transfer device without a conduit for materials by centrifugal force from a feeding station to a destination place.

Title (de)

Einrichtung zur leitungslosen Überführung von schleuderfähigem Material von einer Aufgabestelle zu einem Bestimmungsort.

Title (fr)

Dispositif de transfert sans conduit de produits par centrifugation d'une station d'alimentation vers un endroit de destination.

Publication

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Application

EP 91106204 A 19910418

Priority

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- DE 4111357 A 19910409

Abstract (en)

[origin: US5257691A] An arrangement for transferring castable material without pipes or conduits from a feeding point to a destination, particularly in underground mining. The arrangement includes a driven centrifugal wheel with blades. The centrifugal wheel is radially open and is surrounded in the manner of a jacket by an endless housing belt which is guided on guide rollers. The portion of the centrifugal wheel which is radially open is bordered by the guide roller which causes the housing belt to contact the centrifugal wheel and by the guide roller which raises the housing belt from the centrifugal wheel. The material is radially discharged in a concentrated manner through this radially open portion. The material is supplied axially to the centrifugal wheel through a feed tube and enters through a discharge opening of the feed tube on the vertical level of the blades into the centrifugal wheel.

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IPC 8 full level

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